



Figure 3-21. Western ditch and culvert modification to improve drainage in 2004.



Figure 3-22. Subsurface Disposal Area dike penetration with a one-way flapper valve.

Table 3-19. Subsidence data for the Subsurface Disposal Area.

Location	Length	Width	Average Depth	Maximum Depth
<b>FY<sup>a</sup> 2005</b>				
Trench 56	NA	NA	NA	NA
Pit 6	10 ft	10 ft	3 ft	NA
Trench 38	1 ft	1 ft	1 ft	NA
Trench 38	1 ft	1 ft	1 ft	NA
Trench 35	5 ft	5 ft	2 ft	NA
Trench 37	NA	NA	NA	NA
Pit 2 <sup>b</sup>	3 ft	2 ft	3 ft	NA
Pit 13	10 ft	12 ft	3 ft	NA
Trench 47	1 ft	2 ft	3 ft	NA
Trench 45	1 ft	2 ft	9 in.	NA
Trench 50	3 ft	3 ft	3 ft	NA
Trench 14	2 ft	20 ft	2 ft	NA
Trench 43	20 ft	6 ft	4.5 ft	NA
Pit 13	1 ft	1 ft	3 ft	NA
<b>FY 2004 – No data available</b>				
<b>FY 2003 – No data available</b>				
<b>FY 2002</b>				
Trench 50	40 ft	21 ft 6 in.	8 in.	40 in.
Trench 52	21 ft	7 ft	12 in.	16 in.
Pit 6	21 ft	20 ft	8 in.	8 in.
SVR 16	4 ft 7 in.	4 ft 4 in.	20 in.	25 in.
Pit 2	10 ft	6 ft 6 in.	24 in.	4 ft
Pit 4	15 ft	7 ft	14 in.	4 ft 6 in.
Pad A	11 ft	3 ft 6 in.	8 in.	4 ft
<b>FY 2001</b>				
Trench 1	40 in.	12 in.	24 in.	8 ft 6 in.
Trench 58	8 ft	4 ft	4 in.	12 in.
Pad A (northeast)	23 ft	3 ft 6 in.	4 in.	36 in.
Pit 4	7 ft 6 in.	5 ft	3 in.	24 in.
Trench 5	18 in.	8 in.	18 in.	24 in.
Pit 15 fence line	115 ft	1/4 to 1/8 in.	1 in.	40 in.
Pit 15 fence line	15 in.	12 in.	10 in.	40 in.
Trench 47	26 in.	24 in.	18 in.	9 ft

Table 3-19. (continued).

Location	Length	Width	Average Depth	Maximum Depth
<b>FY 2000</b>				
Pad A (cracks)	12 ft	1/2 to 2 in.	1 to 2 in.	3 in.
Pad A (cracks)	16 ft	1/2 to 2 in.	1 to 2 in.	3 in.
<b>FY 1999</b>				
Pit 4	16 ft	8 ft	12 in.	2 ft 6 in.
Trench 49	8 ft	40 in.	15 in.	5 ft
Trench 51	179 ft	17 ft	17 in.	3 ft
Pit 15 <sup>b</sup>	25 ft	7 ft	3 ft	12 ft
Pit 16 fence line	300 ft	4 ft	6 in.	2 ft
Trench 41	18 ft	20 ft	12 in.	18 in.
Pit 12	18 ft	7 ft	12 in.	20 in.
Trench 47	58 ft	8 ft	20 in.	4 ft
Trench 36	8 ft	10 ft	6 in.	8 ft
Trench 36	39 ft	35 ft	6 in.	2 ft
Trench 16	36 ft	10 ft	6 in.	30 in.
Pit 10	35 ft	30 ft	6 in.	10 in.
Pit 10	30 ft	37 ft	6 in.	10 in.
Trench 38	12 ft	6 ft	12 in.	2 ft
Trench 7	26 ft	9 ft	6 in.	8 in.
Trench 7	4 ft	5 ft	4 in.	12 in.
SVR 18 (by Pit 13)	18 in.	16 in.	14 in.	16 in.
<b>FY 1998</b>				
Trench 7	26 in.	12 in.	11 in.	14 in.
Trench 58	24 in.	9 in.	8 in.	60 in.
Trench 6	36 in.	36 in.	9 in.	9 in.
Trench 6	112 in.	7 ft	20 in.	24 in.
Trench 6	12 ft	6 ft	25 in.	30 in.
Trench 6	3 ft	12 in.	18 in.	20 in.
Trench 47 or 49	32 in.	32 in.	10 in.	19 in.
Pit 16	18 ft	36 in.	18 in.	18 in.
Trench 58	8 ft	4 ft	12 in.	4 ft 6 in.
Trench 14	7 ft	6 ft 6 in.	12 in.	5 ft 6 in.
SVR 14	15 in.	15 in.	16 in.	16 in.
SVR 14	3 ft	2 ft 6 in.	12 in.	16 in.
SVR 14	4 ft 6 in.	40 in.	32 in.	32 in.

Table 3-19. (continued).

Location	Length	Width	Average Depth	Maximum Depth
Trench 45	40 ft	6 ft	8 in.	24 in.
Pad A	8 in.	14 ft	Filled	Filled
Pad A	24 in.	24 in.	9 in.	24 in.
Trench 57	21 in.	21 in.	5 in.	8 in.
SVR 17	5 ft	6 ft 4 in.	8 in.	14 in.
SVR 17	5 ft	5 ft	6 in.	6 in.
SVR 17	5 ft 2 in.	5 ft 5 in.	5 in.	5 in.
SVR 17	5 ft 4 in.	5 ft 5 in.	4 in.	4 in.
SVR 17	5 ft 5 in.	5 ft 10 in.	8 in.	17 in.
SVR 17	5 ft 3 in.	5 ft 10 in.	8 in.	8 in.
SVR 17	5 ft	5 ft	9 in.	9 in.
SVR 17	4 ft 4 in.	5 ft	6 in.	6 in.
SVR 17	5 ft	7 ft	12 in.	12 in.
SVR 17	5 ft 3 in.	5 ft 10 in.	24 in.	24 in.
SVR 17	6 ft	7 ft	5 in.	15 in.
Trench 45	4 ft 7 in.	9 ft 9 in.	8 in.	8 in.
Gate 26	7 ft	9 ft	12 in.	12 in.
Pad A <sup>b</sup>	42 ft	19 to 29 ft	10 ft	10 ft
<b>FY 1997</b>				
SVR 17	36 in.	33 in.	10 in.	1 ft
Pad A	1 ft 17 in.	17 in.	2 ft 6 in.	3 ft
Pad A	1 ft 6 in.	1 ft	2 ft 6 in.	3 ft
<b>FY 1996</b>				
SVR 17	6 ft	5 ft	2 ft	30 in
Pit 10	4 ft	3 ft	2 ft	2 ft
Pit 10	26 in.	18 in.	6 in.	6 in.
Pit 10	23 ft	15 ft	18 in.	3 ft
Pit 10	27 ft	15 ft	1 ft	29 in.
Pit 10	28 ft	20 ft	17 in.	17 in.

a. FY = fiscal year (from October 1 through September 30). For example, FY 2005 is equivalent to October 1, 2004, through September 30, 2005.

b. Waste was exposed by subsidence on Pad A in 1998, in Pit 15 in 1999, and in Pit 2 in 2005.

SVR = soil vault row